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3. TITLE AND SUBTITLE

PARTIAL SUPPORT FOR THE SECOND INTERNATIONAL SYMPOSIUM ON ARTIFICIAL INTELLIGENCE & MATHEMATICS (U)

4. AUTHOR(S)

Professor Frederick Hoffman

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5. AUTHORING OR PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES)

Florida Atlantic University  
PO Box 3091  
Boca Raton FL 33431-0991

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6. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES)

AFOSR/NM  
110 DUNCAN AVE, SUITE B115  
BOLLING AFB DC 20332-0001

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7. SUPPLEMENTARY NOTES

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For the Second Symposium, the invited speakers were Zohar Manna (Stanford) "Modular Temporal Reasoning", Heinz-Otto Peitgen (Bremen and Florida Atlantic University, "Cellular Automata, Fractals and Attractors", K. Ebcioglu (IBM Yorktown Heights), "A Logic Programming System for Chorale Harmonization", and J C Latombe (Stanford), Geometry and Search in Motion Planning". The program Committee accepted 52 papers, with speakers from 16 countries. The sessions were on logic, non-monotonic logic, theorem proving, logic programming, constraints, learning, reasoning, neural networks, and genetic algorithms, with one session on applications and one general session. There was also a somewhat autonomous "Autonomous Control Workshop", organized by Anil Nerode, and held concurrently with the Symposium. Sunday morning's session and the invited talks were plenary; there were two concurrent sessions the rest of the three and one-half days.

8. SUBJECT TERMS

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April 22, 1993

Report to Air Force Office of Scientific Research, on the Second International Symposium on Artificial Intelligence and Mathematics January 5-8, 1992

Abstract

For the Second Symposium, the invited speakers were Zohar Manna (Stanford) "Modular Temporal Reasoning," Heinz-Otto Peitgen (Bremen and Florida Atlantic University, "Cellular Automata, Fractals and Attractors," K. Ebcioglu (IBM Yorktown Heights), "A Logic Programming System for Chorale Harmonization," and J-C Latombe (Stanford), "Geometry and Search in Motion Planning." The program Committee accepted 52 papers, with speakers from 16 countries. The sessions were on logic, non-monotonic logic, theorem proving, logic programming, constraints, learning, reasoning, neural networks, and genetic algorithms, with one session on applications and one general session. There was also a somewhat autonomous "Autonomous Control Workshop," organized by Anil Nerode, and held concurrently with the Symposium. Sunday morning's session and the invited talks were plenary; there were two concurrent sessions the rest of the three and one-half days.

The authors of papers at the Symposium were encouraged to submit final versions of the papers for possible publication in special volumes of the journal, **Annals of Mathematics and Artificial Intelligence**. One of these volumes is in press, and others will follow, as the refereeing process continues. AFOSR support is, of course, acknowledged in these publications. AFOSR was the only sponsor of the Symposium outside the University.

AFOSR funds were allocated, in our reckoning, to pay parts of these items, which total \$17,500.

Expenses at FAU:

student aide	500.00
phone:	200.00
printing:	500.00
postage:	600.00
copying:	500.00
supplies:	300.00
local travel	200.00
credit card fee	300.00
administration	2400.00

(Division of Continuing Education)

Site expenses:  
 room rent: 1000.00  
 equipment rent 300.00  
 Speaker travel 3200.00  
 Committee travel 2500.00  
 Editorial expense:  
 postage: 100.00  
 phone: 100.00  
 travel: 800.00  
 Subsidies 4000.00

Because of the late arrival of the AFOSR funds, money had been paid for some of the listed items from other sources. It was returned from AFOSR funds. Some of these transactions were delayed, causing the tardiness of this report.

*Submitted by [Signature]*

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